

## ABSTRACT OF DISCLOSURE

A digital broadcast recording/reproducing apparatus which is able to determine the bit rate at the time of recording operation in accordance with the bit rate of the recorded video data and audio data, so that the bit rate at the time of reproducing operation is reduced lower than the bit rate at the time of recording operation is obtained. When reserving the reproduction bit rate, it prevents taking a large band superfluously. The amount of records and time for every picture which are the coding unit of the video signal of MPEG-2 are held at the time of recording operation, and the bit rate for every picture is calculated from these data. The value somewhat higher than the maximum or maximum as the reproduction bit rate is set up, and it reproduces. By doing in such a way, the bit rate at the time of reproducing operation can be decided in accordance with the bit rate of the recorded video and audio signals, so that the bit rate at the time of reproducing operation can be reduced lower than the bit rate of the TS at the time of recording operation.

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